

THE COMMONWEALTH OF MASSACHUSETTS

ASS.
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COLL.

ANNUAL REPORT

OF

THE COMMISSIONERS

OF THE

MASSACHUSETTS NAUTICAL SCHOOL

FOR THE

YEAR ENDING NOVEMBER 30, 1934

MASSACHUSETTS NAUTICAL SCHOOL
DEPARTMENT OF EDUCATION

PUBLICATION OF THIS DOCUMENT APPROVED BY THE COMMISSION ON ADMINISTRATION AND FINANCE

800. 2-'35. Order 3602.

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

PAYSON SMITH, *Commissioner of Education*

COMMISSIONERS OF THE MASSACHUSETTS NAUTICAL SCHOOL

100 NASHUA STREET, BOSTON

WILLIAM E. MCKAY, *Chairman*

CLARENCE E. PERKINS

THEODORE L. STORER

WILLIAM H. DIMICK, *Secretary*

REPORT OF THE COMMISSIONERS

To the Commissioner of Education:

The Commissioners of the Massachusetts Nautical School have the honor to submit their report for the year ending November 30, 1934, the forty-third annual report.

SCHOOL CALENDAR, 1934

Spring entrance examinations.....	March 29, 30 and 31
Winter term ended.....	April 3
Spring graduation.....	April 3
New class reported.....	April 16
Summer term commenced.....	May 1
"Nantucket" sailed from Boston...	May 14
"Nantucket" arrived at Boston....	September 17
Autumn entrance examinations....	September 20, 21 and 22
Summer term ended.....	September 25
Autumn graduation.....	September 25
New class reported.....	October 15
Winter term commenced.....	October 29

GENERAL INFORMATION

What is the purpose of the Massachusetts Nautical School?

The school prepares young men for service as deck and engineer officers in the American merchant marine. A register of the work of the graduates is printed in the school catalogue.

Where is the school located?

The school is maintained on board the Schoolship *Nantucket*, a bark rigged sailing vessel with steam power, of about 1300 tons, berthed during the winter term at the Navy Yard, Charlestown. During the summer term the ship is on a practice cruise in European waters.

How long is the course?

The course of study and practical work occupies two years.

What is the age limit for applicants?

Applicants must be between seventeen years and their twentieth birthday.

What is the entire cost?

A clothing deposit of \$150, a tuition fee of \$100, and a graduation deposit of \$50, is paid on entering the school; a clothing deposit of \$50, and a tuition fee of \$100 is paid at the beginning of the second year.

How are applicants admitted?

Qualified candidates, citizens of the United States, who are residents of Massachusetts, are admitted by competitive examinations held twice a year in March and September.

What are the physical requirements?

Applicants must be of normal size, and free from any physical defects, especially those of sight, speech and hearing; and pass the examination made by the school's medical officer.

Where are the examinations held?

The physical examination is held on board the Schoolship.

The mental examination is held in the Federal Building, or in a high school in Boston, and in the High School of Commerce, Springfield.

What studies are included in the entrance examination?

Spelling, geography, history, English, mental and written arithmetic, algebra and geometry.

What studies are included in the course of instruction?

Seamanship, navigation, marine engineering, electricity, ship construction, marine law, mechanical drawing, mathematics, and physics.

THE WORK OF THE YEAR

There have been no major changes in the equipment or the work during the past year. During the winter term the *Nantucket* was berthed as usual at the Navy Yard, Charlestown, Mass. The berth is a superior one as there is adequate space for drills, classrooms, and storage, and privacy is assured in the Navy Yard.

The mileage on the practice cruise was 9,740; about one third of this mileage was made under sail alone. Good weather was for the most part experienced, making ideal conditions for practical work.

Mr. Nicolai S. Sivertsen, Senior Watch Officer, resigned on May 4, anticipating reaching the retiring age of seventy in July. Mr. Sivertsen had fifty-six years of sea service, twenty-six years having been spent in the service of the school. He served on sailing vessels of the last century, and on the modern steamers of the present century. His work as an officer and instructor was highly satisfactory, and his resignation was accepted with regret.

At the spring graduation exercises, a prize was awarded for the first time by the Society of the War of 1812 to an engineer graduate. This prize is to be awarded at each graduation, and we heartily appreciate this interest of the Society in the work of the Nautical School.

The economic depression has not to any serious extent affected the work of the graduates. The graduates of the past year have been placed practically one hundred percent on board American ships, as will be seen by the tabulation on the following page.

Very recently, wide-spread attention has been called to the good work of one of the graduates, Ivan Freeman, of East Orleans, who graduated in 1917. He was Acting First Officer on board the *Morro Castle* when that ship caught fire off the New Jersey coast, on September 8, resulting in the loss of many lives. The Board of Inquiry exonerated Mr. Freeman from any blame in connection with the tragedy. His work throughout was creditable and elicited commendation. He was among the last to leave the burning ship.

Commissioner Clarence E. Perkins was re-appointed a Commissioner of the school for three years from July 1, 1934.

REMOVAL OF OFFICE

On February 24 the office of the Commissioners was moved from 14 Beacon Street to the State Office Building, known as the Department of Public Works Building, 100 Nashua Street, Boston.

GRADUATES OF THE SCHOOL IN 1934

The following is a list of the forty graduates of 1934, the names of their home towns, and their first employment:

Name	Residence	Vessel	Service
Lars N. Anderson	E. Braintree	S. S. Exhame	American Export Line
Edward G. Andrews	E. Braintree	S. S. Geo. H. Jones	Standard Oil Company
Norman W. Arnold	Cambridge	S. S. Ohioan	American Hawaiian Line
Richard E. Berger	Winthrop	S. S. Iowan	American Hawaiian Line
Francis R. Brodbine, Jr.	Revere	S. S. Arizonan	American Hawaiian Line
Arthur E. Champeau	Wollaston	S. S. Santa Lucia	Grace Line
William H. Colligen	Newtonville	S. S. Marore	Ore Steamship Company
Howell G. Cutter	Wakefield	S. S. Marore	Ore Steamship Company
Eric B. DeMille	Winthrop	S. S. Washington	United States Lines
Thomas D. Donovan	Dorchester	S. S. Kansan	American Hawaiian Line
Stephen J. Dranka	Three Rivers		
Victor S. Dzingelievich	Haverhill	S. S. F. J. Luckenbach	Luckenbach Line
John M. Foley	Worcester	S. S. West Arrow	Black Diamond Line
Howard E. Gay	Plainville	S. S. Kentuckian	American Hawaiian Line
Edward G. Hammond	Quincy	S. S. Kansan	American Hawaiian Line
George H. Harrington	Somerville	S. S. Kentuckian	American Hawaiian Line
Olavi Helin	Gardner	Engineer	On shore
Harlan P. Herbert	Worcester	At sea	
John R. Hickey	Newton Centre	S. S. Veragua	United Fruit Company
Arthur C. Hillner	Cambridge	At sea	United Fruit Company
James T. Hodgson	Taunton	S. S. Exhame	American Export Line
John H. Holden	Cambridge	S. S. Julia Luckenbach	Luckenbach Line
Charles R. Howell	Worcester	S. S. Santa Eliza	Grace Line
Bernard H. Hyllestad	Monument Beach	S. S. Santa Rosa	Grace Line
Thomas A. Jagling	Hudson	S. S. Julia Luckenbach	Luckenbach Line
James M. Johnston	Brookline	S. S. St. John	Eastern Steamship Company
Beardsley Lawrence, Jr.	Sharon	S. S. Marore	Ore Steamship Company
Charles E. McCray, Jr.	Shrewsbury	S. S. Esparta	United Fruit Company
Douglas E. Nickerson	Waltham	S. S. Santa Eliza	Grace Line
Stanley T. Packlick	Housatonic	S. S. Black Heron	Black Diamond Line
George H. Peirce	Leicester	S. S. Julia Luckenbach	Luckenbach Line
Henry G. Pond	Worcester	S. S. Sarcouxie	American-France Line
Marvin O. Rice	Gloucester	At sea	Dollar Line
John A. Swiniarski	Salem	At sea	United Fruit Company
Walter J. Sztucinski	Haverhill	At sea	Mystic Steamship Company
George E. Talbot, Jr.	Whitinsville	S. S. F. J. Luckenbach	Luckenbach Line
George D. Tawse	Beverly	S. S. Sataritia	C. H. Sprague Company
Gordon W. Tennett	Winthrop	S. S. Astral	Standard Shipping Line
Paul Waihela	Norwood		
Augustus W. Warren, Jr.	Middleboro	S. S. Santa Lucia	Grace Line

DETAILED REPORT ON THE PRACTICE CRUISE

U. S. S. Nantucket—Itinerary 1934

LEFT—

Boston, May 14
 Provincetown, May 18
 Horta, June 5
 Dublin, June 21
 Liverpool, July 10
 Antwerp, July 18
 Oporto, July 27
 Gibraltar, August 4
 Madeira, August 13
 Fall River, September 10
 Cataumet, September 17

ARRIVED AT—

Provincetown, May 14
 Horta, Azores, June 1
 Dublin, Ireland, June 14
 Liverpool, England, June 22
 Antwerp, Belgium, July 13
 Oporto, Portugal, July 24
 Gibraltar, July 30
 Madeira, August 8
 Fall River, September 6
 Cataumet, September 10
 Boston, September 17

The *Nantucket* left Boston on May 14. After passing Boston Lightship, the *Nantucket* was swung for calibration of the direction finder, after which man-overboard drill was held. The time required for the drill was as follows: boat in water one and a half minutes, buoy picked up four minutes, boat hoisted eight and a half minutes.

The stay at Provincetown was advantageously utilized in sail and general drills. Upon departure from Provincetown, the ship was swung for compass deviation. Anti-typhoid inoculations were made. Weather charts were made daily by the cadets with good results. On Maritime Day, May 22, the radio greeting of the Navy Department to the American Merchant Marine was published to the ship's company. Life boat drills were continued.

Much fog was encountered in the approach to Ireland, at which time the radio direction finder proved most useful. Dublin was the port of call.

While in Liverpool, the cadets were taken on a visit to the new Gladstone Dock (White Star ships' berth), as guests of the Dock and Harbor Board. On July 4, the American residents, through the Consul General, were invited on board the ship; fifteen attended; the ship was full dressed for the day and holiday routine was observed.

During the stay in Liverpool, the ship's personnel was called upon for aid in the work of rescuing four men from asphyxiation. The men were working on a light buoy,—a sea buoy in the form of a boat about twenty feet long by eight feet beam, with a light structure about thirty feet high,—and were overcome by gas, probably acetylene. The boat was moored close astern of the *Nantucket*. When help was called for, the Officer of the Deck immediately sent help including the Pharmacist, who directed the resuscitation work and personally worked on a man who was most seriously affected, and it was only through prompt and efficient work that his life was saved. An oxygen tank was rushed to the spot, and the Stokes Stretcher was sent over and used to hoist the man to the dock. Later in the day a delegation of workmen came on board to express their thanks for the service rendered. The Mersey Dock and Harbor Board presented the Pharmacist with a handsome leather case, suitably inscribed.

Mr. Norman E. Merrill, the Executive Officer, found it necessary to go to the Northern Hospital, Liverpool, for treatment and an intestinal operation, necessitating a leave of absence during the remainder of the cruise.

At Antwerp, the museums, zoological gardens, and other points of interest were open free to the cadets, and the British Mission to Seamen held a reception for the cadets on the evening of arrival.

A most interesting Colonial Exposition was being held in Oporto to which admission was nominal. Villages of the peoples of the Portuguese colonies were to be seen as well as products and models of engineering and harbor works.

At Gibraltar visits to the Water Works were arranged for each watch by the Chaplain of the British Mission to Seamen. The Vice-Consul arranged for visits of each watch to the Galleries of the Rock.

Many courtesies were extended to the cadets by the British Mission to Seamen in Funchal. Swimming was held from the ship twice daily; and there was some sailing. Pulling boats were used entirely for working purposes.

On the morning after leaving Madeira, the ship was put under sail, but after two and a half days, the wind fell light, and the engine was coupled up. The ship was put under sail two days later, the morning of the eighteenth of August, and so continued until the evening of the twenty-seventh when the ship ran out of the trades. Sailing was had again on the thirtieth and the thirty-first. The weather then was squally and there was much handling of sail. The best day's run under sail was 159 miles.

During the cruise routine drills and studies were continued except when occasionally prevented by inclement weather. Divine services were conducted on Sunday.

The voyage was made as follows:

	Miles
Under steam	3,279
Under sail and steam	3,601
Under sail	<u>2,860</u>
Total	9,740

The following is a report on the coal consumption:

	Tons
On hand and received	682
Expended	<u>636</u>
Remaining arrival Boston	46

<i>Items</i>		<i>Tons</i>
Moving ship		388
Dynamos and Auxiliaries		197
Distilling		44
Galleys		7
Total		636

GRADUATION EXERCISES

The seventy-ninth graduation exercises were held on board the *Nantucket* at the Navy Yard, Charlestown, on Tuesday, April 3, 1934, at 11 A. M. The program was as follows:

Invocation: Chaplain Evan W. Scott, U. S. N.

Presiding Officer: Captain William E. McKay, Chairman of the Board.

Address: Mr. Clarence E. Perkins, Commissioner, Massachusetts Nautical School.

Address: Hon. Charles Francis Adams, former Secretary of the Navy.

Address: Captain Harold E. Cook, U. S. N., Captain of the Yard.

Presentation of Boston Marine Society Prize by Captain Herman T. Parker, Port Captain, Eastern Steamship Lines:

To the graduate possessing the most qualities making the best shipmaster, including aptitude, prompt and cheerful obedience to his superior officers, devotion to duty, integrity, force of character, and ability to attain and maintain leadership: Thomas D. Donovan of Dorchester.

Presentation of The Society of the War of 1812 Prize by Col. Frederic Gilbert Bauer, President of the Society:

To the engineer graduate for excellence in studies, good conduct, and the possession of those qualities of leadership and a willingness to assume responsibility which have ever characterized the Navy and Merchant Marine of the United States: John R. Hickey of Newton Centre.

Presentation of Prizes awarded and presented by Mr. Arthur M. Wiggin of Brookline:

To the graduate in the Seamanship Class making the greatest improvement in all around work during the past year: Marvin O. Rice of Gloucester.

To the graduate in the Engineer Class making the greatest improvement in all around work during the past year: Stephen J. Dranka of Three Rivers.

Presentation of Bibles: Chaplain Scott. (The Bibles are the gift of the Massachusetts Bible Society.)

Presentation of Diplomas: Mr. Jerome Burt, Supervisor of Secondary Education, Massachusetts Department of Education.

The eightieth graduation exercises were held on board the *Nantucket* at the Navy Yard, Charlestown, on Tuesday, September 25, 1934, at 11 A. M.

Invocation: Rev. Merritt A. Farren, Secretary, Boston Seamen's Friend Society.

Presiding Officer: Captain William E. McKay, Chairman of the Board.

Address: Hon. John F. Fitzgerald, Boston Port Authority.

Address: Captain Harold L. Colbeth, Treasurer, Boston Marine Society.

Address: Rear Admiral Henry H. Hough, U. S. N., Commandant, Boston Navy Yard.

Address: Mr. William H. Dimick, Executive Secretary, Massachusetts Nautical School.

Presentation of Wood-Whitman Memorial Prize by Commissioner Clarence E. Perkins.

To the graduate having the highest marks in Seamanship and Navigation for the year: Thomas D. Donovan of Dorchester.

Presentation of Boston Marine Society Prize by Captain Charles H. Hurley, class of 1915:

To the graduate possessing the most qualities making the best shipmaster, including aptitude, prompt and cheerful obedience to his superior officers, and ability to attain and maintain leadership: Bernard H. Hyllestad of Monument Beach.

Presentation of The Society of the War of 1812 Prize by Col. Frederic Gilbert Bauer, President of the Society:

To the engineer graduate for excellence in studies, good conduct, and the possession of those qualities of leadership and a willingness to assume responsibility which have ever characterized the Navy and Merchant Marine of the United States: Augustus W. Warren, Jr., of Middleboro.

Presentation of Prizes awarded and presented by Mr. Arthur M. Wiggin of Brookline:

To the graduate in the Seamanship Class making the greatest improvement in all around work during the past year: James T. Hodgson of Taunton.

To the graduate in the Engineer Class making the greatest improvement in all around work during the past year: Victor S. Dzingevich of Haverhill.

Presentation of Bibles: Rev. Merritt A. Farren.

Presentation of Diplomas: Dr. Payson Smith, Massachusetts Commissioner of Education.

LECTURES: WINTER TERM, 1933-34

1933

- Nov. 3. Hubert W. Perry: Musical Entertainment.
- Nov. 17. George T. Plummer. Subject: "Old New England Whaling," illustrated with four reels of moving pictures and colored slides.
- Nov. 24. Captain Herman T. Parker, Port Captain, Eastern Steamship Lines. Subject: "Rules of the Road."
- Dec. 8. Lieut. Comdr. George C. Manning, U. S. N. Subject: "Ship Construction."
- Dec. 15. Professor Eldon R. James. Subject: "Marine Law."

1934

- Jan. 5. Plymouth Cordage Company. Talking picture. Subject: "Rope Making."
- Jan. 12. William Renz, American Bureau of Shipping. Subject: "Ship Inspection for Insurance."
- Jan. 19. Captain Charles M. Lyons, United States Steamboat Inspector. Subject: "United States Steamboat Regulations."
- Jan. 26. Captain Byron McCandless, U. S. N., Chief of Hydrographic Office in Boston. Subject: "Dissemination of Maritime Intelligence."
- Feb. 2. Captain Harold E. Cook, U. S. N., Captain of Yard, Charlestown. Subject: "Reminiscences of Naval Service."
- Feb. 9. Captain Charles H. Hurley, class of 1915. Subject: "Stowage of Cargo from a Stevedore's Point of View."
- Feb. 16. Norman E. Merrill. Subject: "Development of Ships." Illustrated.
- Feb. 23. Lieut. Ervin L. Kelley. Subject: "Marine Tools." Illustrated.
- March 2. John Stewart, United States Steamboat Inspector. Subject: "Some Breakdowns at Sea."
- March 9. Captain Clarence A. Abele, U. S. N., Superintendent of the School. Subject: "Getting Along."

THE SCHOOL RECORD

During the year there have been 163 students on the rolls of the school. They came from 76 cities and towns of the Commonwealth as follows:

Abington	1	Medford	2
Andover	1	Melrose	2
Arlington	2	Middleboro	1
Athol	2	Millville	1
Attleboro	2	Milton	2
Auburndale	1	Montague	1
Avon	1	Monument Beach	1
Bellingham	1	Needham	2
Beverly	4	New Bedford	5
Boston	11	Newton	3
Braintree	3	North Wilbraham	1
Bridgewater	2	Norwood	3
Brockton	6	Pittsfield	2
Brookline	2	Plainville	1
Cambridge	4	Quincy	3
Cherry Valley	1	Reading	1
Concord	1	Revere	1
Dedham	1	Rochdale	1
Eastham	1	Rowley	1
Easthampton	2	Salem	3
Everett	2	Salisbury	1
Fairhaven	2	Sharon	2
Fall River	1	Shrewsbury	2
Falmouth	1	Somerville	3
Fitchburg	2	Southwick	1
Florence	1	Springfield	3
Framingham	1	Stoneham	1
Gardner	2	Taunton	3
Gloucester	3	Three Rivers	1
Haverhill	7	Wakefield	2
Housatonic	1	Waltham	3
Hudson	2	Wellesley	1
Lawrence	2	Whitinsville	1
Leicester	1	Winchester	1
Lowell	1	Winthrop	5
Lynn	6	Wollaston	2
Malden	1	Worcester	7
Manomet	1	Yarmouth	1
		Total	163

The previous education of these students was as follows:—High schools, 140; colleges, 11; technical schools, 9; academies, 2; trade school, 1. The average age of the cadets at entrance was 18 years, 5 months. The number of cadets enrolled in the school at present is 118.

OFFICERS AND INSTRUCTORS

Clarence A. Abele, Captain, U.S.N. (retired), Superintendent.
 Norman E. Merrill (graduate M.N.S.), Executive Officer.
 Robert M. Gray, Lieutenant, U.S.N.R. (graduate M.N.S.), Navigator.
 Richard T. Rounds (graduate M.N.S.), Watch Officer.
 Louis A. Woodland (graduate M.N.S.), Watch Officer.
 Ervin L. Kelley, Lieutenant, U.S.N.R. (graduate M.N.S.), Chief Marine Engineer.
 Norman L. Queen (graduate M.N.S.), Assistant Marine Engineer.
 John E. Wright, Instructor in Mathematics.
 William F. Williamson, Instructor in Mechanical Drawing.
 Richard L. Pearse, M.D., Surgeon, Summer Term.
 Robert S. Palmer, M.D., Surgeon, Winter Term.
 Charles Parker, Paymaster.

CADET OFFICERS OF THE MASSACHUSETTS NAUTICAL SCHOOL SUMMER TERM

Navigation

James T. Hodgson	Senior Cadet Officer
Bernard H. Hyllestad	Junior Cadet Officer

Engineering

Augustus W. Warren, Jr.	Senior Cadet Engineer Officer
Victor S. Dzingeleovich	Junior Cadet Engineer Officer

WINTER TERM, 1934-35

Navigation

Herman Kastberg	Senior Cadet Officer
Carl H. Bromberg, Jr.	Junior Cadet Officer

Engineering

Anzelm Kurgan	Senior Cadet Engineer Officer
Matthew J. O'Brien	Junior Cadet Engineer Officer

CADETS ADMITTED, GRADUATED, AND HONORABLY DISCHARGED, FROM 1893 TO 1934, INCLUSIVE

	Ad- mitted	GRADUATED			Honor- ably dis- charged	With- drawn, dis- missed, dropped	Number connected with the school
		Sea- manship Class	Engineer Class	Totals			
1893	141	—	—	—	29	24	138
1894	63	—	—	—	43	18	156
1895	71	19	19	38	12	6	156
1896	74	20	17	37	31	17	174
1897	73	20	21	41	20	9	165
1898	99	15	25	40	26	23	194
1899	79	11	12	23	41	11	184
1900	78	14	36	50	21	14	186
1901	71	11	18	29	20	16	172
1902	90	16	22	38	34	13	197
1903	66	17	14	31	25	17	178
1904	60	16	29	45	17	31	165
1905	65	10	10	20	9	13	137
1906	50	16	19	35	18	19	145
1907	60	10	15	25	17	26	138
1908	45	8	10	18	9	9	110
1909	81	14	22	36	7	16	156
1910	54	6	16	22	16	15	151
1911	69	20	23	43	7	18	168
1912	57	17	16	33	14	15	157
1913	79	21	19	40	20	8	174
1914	65	20	16	36	22	7	171
1915	70	26	19	45	18	11	176
1916	73	23	15	38	36	3	175
1917	69	26	11	37	16	3	167
1918	66	31	17	48	10	4	178
1919	77	37	18	55	17	5	193
1920	70	35	15	50	13	9	186
1921	70	35	17	52	9	9	184
1922	74	29	21	50	19	9	188
1923	77	27	16	43	16	16	187
1924	76	23	21	44	13	16	188
1925	73	26	22	48	18	8	188
1926	80	19	22	41	22	21	194
1927	75	27	17	44	20	4	185
1928	69	27	20	47	15	7	187
1929	71	23	29	52	12	7	189
1930	62	33	19	52	8	3	180
1931	74	38	19	57	6	9	191
1932	50	23	22	45	2	3	169
1933	65	40	30	70	5	1	184
1934	55	20	20	40	4	1	163
Total	2,986	869	769	1,638	737	494	

CLASS TO GRADUATE, APRIL, 1935

Seamanship Division

*Kastberg, Herman	Worcester
*Bromberg, Carl H., Jr.	Somerville
*Spear, Richard T.	Sharon
*Johnson, Lawrence S.	Lynn
*Olsen, John E.	Quincy
*White, Richard J., Jr.	Wollaston
*Lister, John K.	Beverly
*Mills, William H. A., Jr.	Framingham
Griffin, Gerald J.	New Bedford
Gifford, A. Russell	New Bedford
Moran, Edmond F., Jr.	East Boston
*Canfield, Robert B.	Pittsfield
*Currier, Malcolm S.	Newtonville
Hughes, Francis J.	Roslindale
*Abrams, Sumner J.	Brookline
Swain, Kenneth W.	Melrose Highlands
*Hoyt, Willard D.	Athol
Evans, Robley J.	Everett
*Hosmer, Herbert B., Jr.	Concord
Theriault, Harold J.	Gloucester
Miffin, Chester L.	Medford
Thomas, Walter, Jr.	Fairhaven
Currie, Allan B.	Medford
Mascarenhas, Anthony	Gloucester

Engineering Division

Kurgan, Anzelm.	New Bedford
*O'Brien, Matthew J.	Mattapan
David, Raymond C., Jr.	Fitchburg
*Nichols, Ralph W.	Lynn
*Brooks, Harold E.	Taunton
Gawlocki, Lester R.	Lynn
Jacinto, Francis M.	Taunton
Martel, William E.	Montello
Sciarappa, Christopher A.	Brockton
Iacoboni, Mario J.	Fitchburg
Edwards, John H.	Haverhill
Winslow, E. Freeman, Jr.	Norwood

CLASS TO GRADUATE, SEPTEMBER, 1935

Seamanship Division

*Ludden, Richard F.	Abington
Terry, Russell H.	Beverly
*Marsh, Donald W.	Waltham
Campbell, Cyrus H.	N. Eastham
Fisher, Conrad W.	Needham
Robbins, Allan F.	Brockton
Simmons, Morton A.	Falmouth
Fick, William F.	Roslindale
Boyle, Donald E.	Roxbury
Hurder, William R.	Beverly
Lucek, Francis J.	Millville
Kuralt, Richard M.	Springfield
Murphy, Joseph C.	Dorchester
Martin, Donald B.	Springfield
Kelley, Robert M., Jr.	S. Yarmouth
Curtis, Samuel DeV.	Bellingham
Odell, Albert H.	Salem

Engineering Division

Murray, James	Milton
Fisher, Francis S.	Needham
Lahti, Veikko S.	Gardner
Morgan, Donald C.	Brockton
*Thomas, Myron C.	Brockton
Rioux, Raymond H.	Fairhaven
Collis, Albert E.	Salisbury
Johnston, George C., Jr.	Lynn
Lewis, Charles E.	Lynn
Gesmundo, Jack.	Haverhill
Tuttle, Charles V., Jr.	Southwick
Madden, John R.	Malden

(*Received 85 per cent, or over, of the academic multiple and entitled to wear gold star on coat collar.)

CLASS TO GRADUATE, APRIL, 1936

Nielsen, Andrew P. L.	Jamaica Plain
Staples, Stanley M.	Haverhill
Corriveau, Martial P.	Salem
Burgo, Daniel F.	New Bedford
Gallagher, J. Howard	Lawrence
Ramey, James L.	Hudson
Parkhurst, Roland E.	Everett
Jacobs, Robert H.	Worcester
Sholes, Harold L.	Rowley
Ludy, Ralph W.	East Braintree
Rico, Albert F., Jr.	Arlington
Gotovich, Edward G.	Norwood
Kudlay, Anthony	Easthampton
Doe, Wilbur S.	Somerville
Call, Edward F.	Lowell
Forsythe, Chester, Jr.	Quincy
Novak, Edward	Easthampton
Swimm, Charles H.	Winthrop
Clark, Edward A.	Reading
Richmond, Frank R.	Springfield
Douglas, James E.	Cambridge
Milner, Gordon B.	Rochdale
Donahue, Timothy E., Jr.	Haverhill
Bemis, Ernest W.	West Bridgewater
Brown, Richard C.	Attleboro
Agnew, Francis X.	Lawrence

CLASS TO GRADUATE, SEPTEMBER, 1936

(Alphabetically Arranged)

Allen, Thorwald C.	North Andover
Anderson, John W.	Wellesley Hills
Barlow, Robert S.	Cherry Valley
Brown, D. Webster, Jr.	New Bedford
Bryce, Forbes O.	Montague
Carter, Charles W.	Shrewsbury
Collins, Richard B.	Milton
Davies, W. Kenneth	Florence
Dawson, James J.	Pittsfield
Dayton, Charles J.	Wakefield
Dietrich, George S.	Dorchester
Ellis, Carl C.	Winchester
Greeley, Gerald G.	Dorchester

Hamilton, Edwin A.	East Dedham
Hemmerly, William H., Jr.	Manomet
Jackson, Howard B.	Melrose
Kelley, Arthur S.	Avon
Lennon, F. Garvin	Roxbury
Mushet, Robert A., Jr.	Arlington
Potter, Andrew B., Jr.	Auburndale
Rolfe, Thomas W.	Stoneham
Schmidt, Harold T.	Athol
Serafin, Edward F.	Worcester
Shockley, Wilson I.	Bridgewater
Sullivan, John L.	North Wilbraham
Thompson, Owen E.	Attleboro
Wickham, Joseph F.	Winthrop

APPROPRIATIONS

The appropriations for the school for the fiscal year 1934, from December 1, 1933, to November 30, 1934, are accounted for as follows:

<i>Expenses of Schoolship</i>	Appropriation	Expenditures
Personal Services	\$40,746.00	\$40,596.15
Travel, transportation and office expenses	1,050.00	1,627.65
Food	20,500.00	21,167.11
Furnishings and household supplies	1,000.00	1,169.00
Medical and general care	1,380.00	1,496.43
Heat, Light, power, etc.	8,500.00	6,964.11
Repairs	6,800.00	4,781.14
Miscellaneous	3,700.00	3,278.52
Appropriation by the Commonwealth*	\$83,676.00	\$81,080.11
Unexpended balance		2,595.89
	\$83,676.00	\$83,676.00
<i>Expenses of Commission</i>		
Personal services	\$4,430.00	\$4,429.80
Office supplies and equipment	275.00	412.47
Traveling and other services and expenses	2,000.00	1,859.30
Appropriation by the Commonwealth*	\$6,705.00	\$6,701.57
Unexpended balance		3.43
	\$6,705.00	\$6,705.00

*The Treasurer of the Commonwealth receives annually \$25,000 from the Navy Department toward the maintenance of the school, reducing the net cost to the State by that amount.

The Commonwealth has also been reimbursed during the year to the amount of \$11,811.12 received from tuition and other fees.

The estimates for the year 1935 are as follows:

Expenses of Schoolship	\$86,709
Expenses of Commission	2,206
Personal Services	4,764

Respectfully submitted,

WILLIAM E. McKAY, *Chairman*,
CLARENCE E. PERKINS,
THEODORE L. STORER,
Commissioners.



